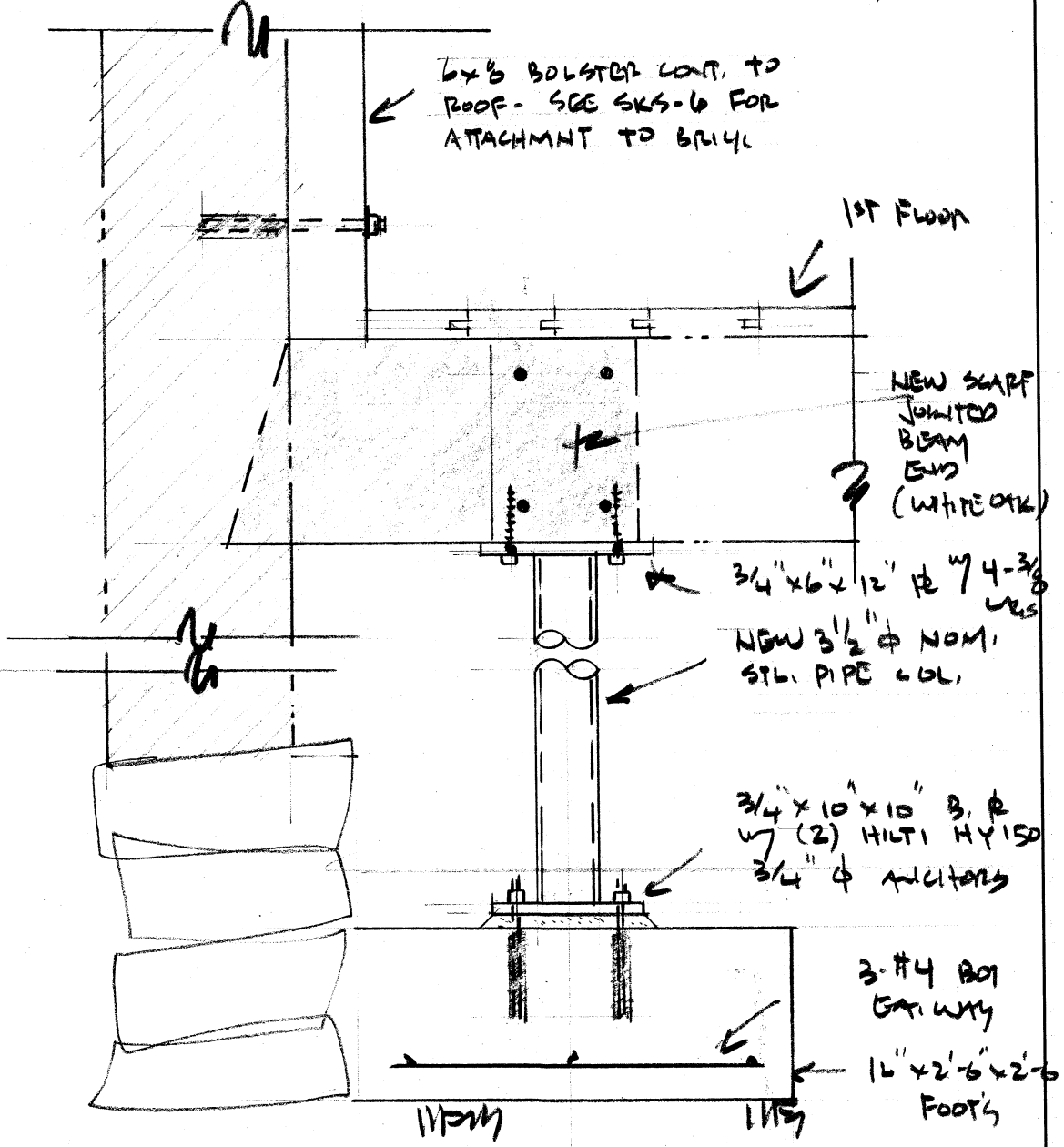


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**CONSULTING ENGINEERS, INC.**  
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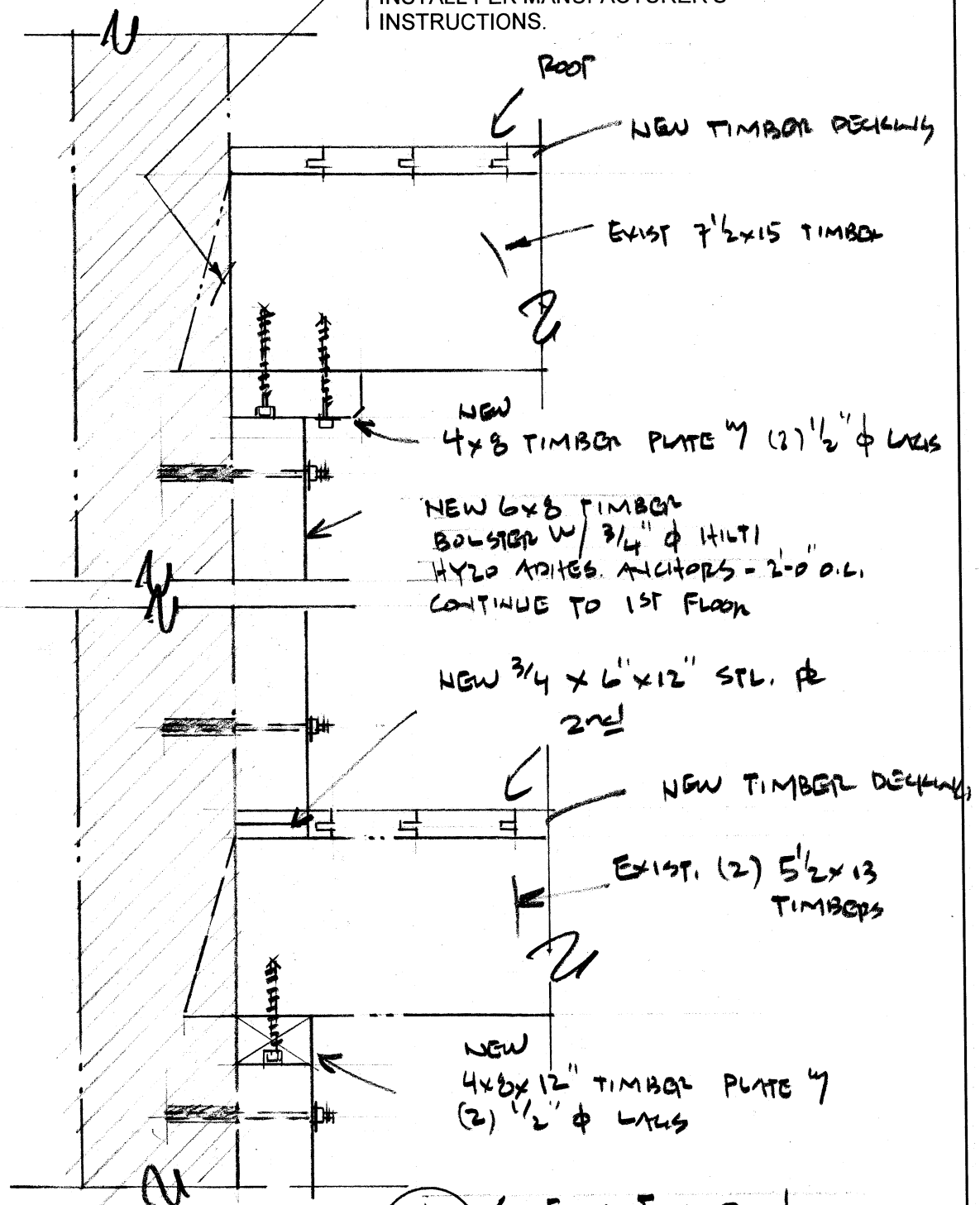
JOB LAWRENCE HISTORY MUSEUM  
 SHEET NO. SKS-5 OF \_\_\_\_\_  
 CALCULATED BY GHM DATE 4.23.06  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE \_\_\_\_\_

NOTE: PROVIDE TEMPORARY  
 STOPPING UNTIL BEAM IS  
 REPAIRED & RESUPPORTED



CUT ON 5 SECTION  
 SKS-12 1" = 1'-0"

PROVIDE BORACARE IMPEL RODS,  
 1/4" DIAMETER, 8 PER END OF EACH  
 BEAM EMBEDDED IN MASONRY  
 ALONG EAST WALL AT ROOF.  
 INSTALL PER MANUFACTURER'S  
 INSTRUCTIONS.



NEW 6 x 8 TIMBER  
 BOLSTER W/ 3/4"  $\phi$  HILT  
 HY20 ANCHES. ANCHORS - 2'-0" O.C.  
 CONTINUE TO 1ST FLOOR

NEW 3/4 x 6" x 12" STL. PL. 2nd

NEW TIMBER DECKING

EXIST. (2) 5 1/2 x 13  
 TIMBERS

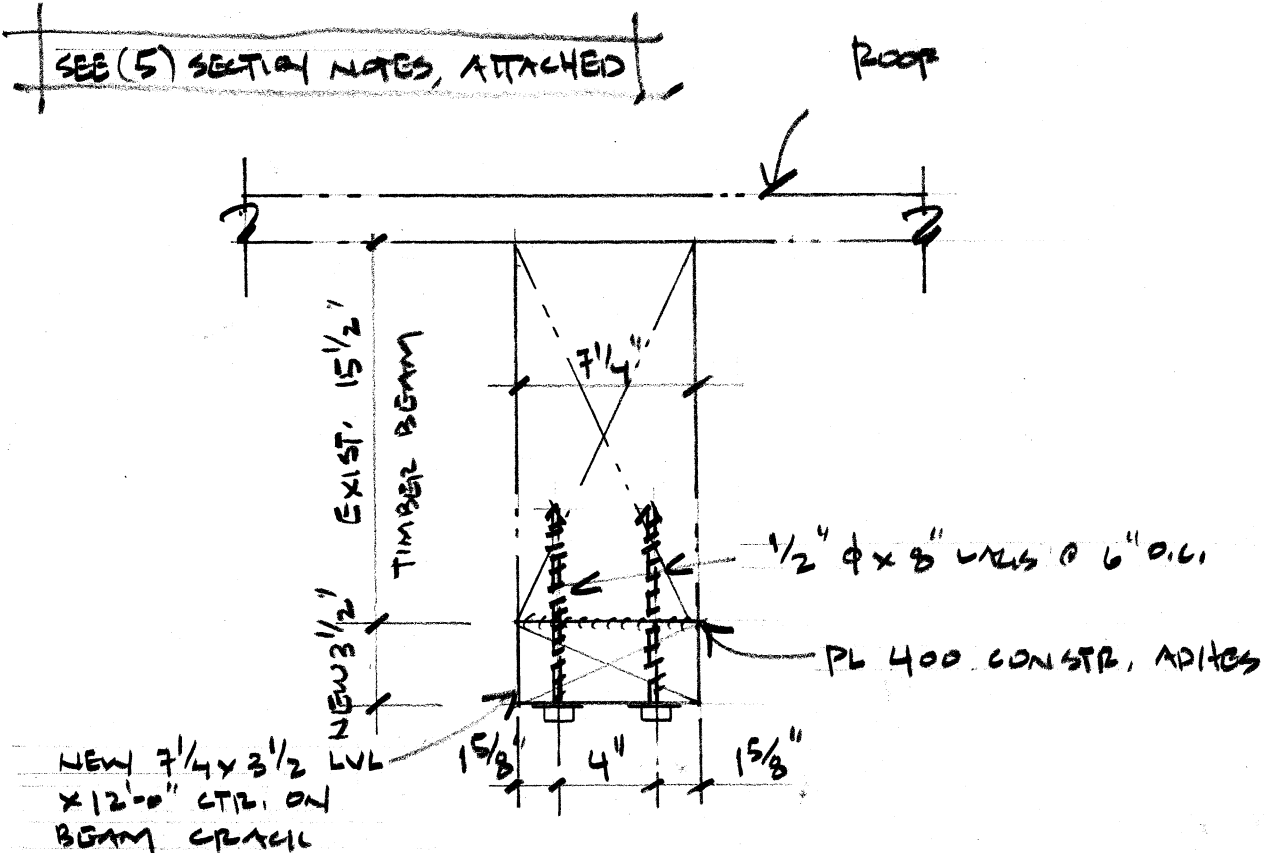
NEW  
 4 x 8 x 12" TIMBER PLATE W/  
 (2) 1/2"  $\phi$  LAGS

**6 SECTION**  
 S14S-3,4 1" = 1'-0"

CUT ON

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JOB LAWRENCE HISTORY MUSEUM  
 SHEET NO. SKS-7 OF \_\_\_\_\_  
 CALCULATED BY EHM DATE 2.18.09  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE \_\_\_\_\_



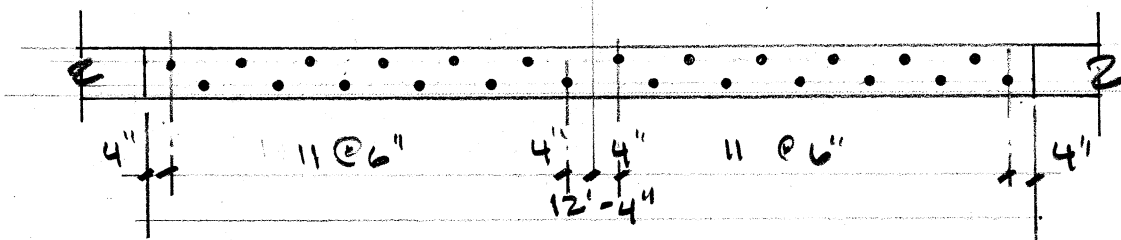
**7 TIMBER BEAM REPAIR DETAIL**

CUT ON

SKS-4

1 1/2" = 1'-0"

← BEAM CRACK



**PLAN OF UNDERSIDE OF BEAM**

3/8" = 1'-0"

**SKS-7 Section Notes:**

1. Resupport beam near mid-span from sides of beam, and jack level.
2. Predrill 3/8" diameter lead holes in new bottom 7 ¼ x 3 ½ LVL and in underside of existing beam to be repaired.
3. Apply Contech PL400 construction adhesive uniformly on one surface to be bonded, and provide sufficient workmen to complete installation prior to allowing adhesive to tack. Install in strict accordance to adhesive manufacturer's specifications
4. Clamp repair section to underside of damage beam by installing every third lag bolt, completing 1/3 of the lag bolts evenly distributed on either side of the beam for the full length, and then infilling lag bolts in succession completing the remainder in 1/3 increments. This procedure is necessary to provide sufficient initial clamping action prior to allowing adhesive to set.
5. Maintain shoring in place until adhesive is fully cured.